E.J. Malone Powder Mill Fish Hatchery (NH Fish&Game) 288 Merrymeeting Road New Durham, NH 03855

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 163595

Client Identification: Powder Mill Fish Hatchery

Date Received: 12/6/2016



Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted

< : "less than" followed by the reporting limit

> : "greater than" followed by the reporting limit

%R: % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

Data

# of pages (excluding cover letter)



## SAMPLE CONDITIONS PAGE

EAI ID#: 163595

Client: Powder Mill Fish Hatchery (NH Fish&Game)

Client Designation: Powder Mill Fish Hatchery

## Temperature upon receipt (°C): 0.0

Received on ice or cold packs (Yes/No): Y

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received		Sample % D Matrix Wei	y ht Exceptions/Comments (other than thermal preservation)
163595.01	001 Outflow	12/6/16	12/6/16	aqueous	Adheres to Sample Acceptance Policy
163595.02	002 Outflow	12/6/16	12/6/16	aqueous	Adheres to Sample Acceptance Policy
163595.03	Inflow	12/6/16	12/6/16	aqueous	Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th Edition, 1998 and 22nd Edition, 2012
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



## LABORATORY REPORT

EAI ID#: 163595

Client: Powder Mill Fish Hatchery (NH Fish&Game)

Client Designation: Powder Mill Fish Hatchery

Sample ID:	001 Outflow	002 Outflow	Inflow						
Lab Sample ID:	163595.01	163595.02	163595.03						
Matrix:	aqueous	aqueous	aqueous						
Date Sampled:	12/6/16	12/6/16	12/6/16	٠		Ana	lysis		
Date Received:	12/6/16	12/6/16	12/6/16	RL	Units	Date	Time	Method A	nalyst
Solids Suspended	4	< 4	< 2	2	mg/L	12/07/16	13:45	2540D-97	ATA
Total Phosphorus-P	0.03	0.06	< 0.01	0.01	mg/L	12/14/16	12:58	365.1	SEL

002 Outflow: The Solids Suspended reporting limit was elevated due to limited sample volume.

## CHAIN-OF-CUSTODY RECORD

163595

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BOLD FIELDS REQUIRED. PLEASE CIRCLE REQUESTED ANALYSIS.

QUOTE #: P0 #: P0 #: Pofessional laboratory & drilling services		ad, malane(9) w	ll State	Malone	MATRIX: A-AIR; S-SOIL; GW-GROUND WATER; SW-SURFACE WATER; DW-DRINKING WATER; WW-WASTE WATER PRESERVATIVE: H-HCL; N-HNO3; S-H2SO4; Na-NaOH; M-MEOH		1/1/2W 1276	002 outflow 200	001 outthow 12.5%	SAI DAT *IFC INDIC START DA-
	HER: W STORMWATER OR R:	EXI.:	STATE: NH TIP: 03855		WATER; DW-DRINKING WATER; MEOH		30	530 70 B30	3 y	MATRIX (SEE BELOW)  GRAB/*COMPOSITE  74.2 24.2 BTEX 524.2 MTBE ONLY
RELINQUISHED BY:  25 CHENELL DRIVE   CONCORD, NH 03301   Tel: 603  (WHITE: Original GRE)	SAMPLER(S):  Charact	OR OR UMPTIVE CERTA	QA/QC REPORTING LEVEL A B C	DATE NEEDED:					8 8 8 A A T T 8 8 8 8 8 8 8 8 8 8 8 8 8	2260B 624 VTICS , 4 DIOXANE  1021B BTEX HALOS  1015B GRO MAVPH  1270D 625 SVTICS EDB DBCP 1BN A BN PAH  1PH8100 L1 L2  1015B DRO MAEPH  125T 608 PCB 608 125T 8081A PCB 8082
TIME: 1525   1.800.287.0525   PROJECT MANAGE	106/16 1345 K	ELECTRONIC NO FAX E-MAI	REPORTING OPTIONS PRELIMS: YES OR NO IF YES. FAY OR POF				×	×		IL & GREASE 1664 TPH 1664  CLP 1311 ABN METALS OC PEST HERB  DISSOLVED METALS (LIST BELOW)  OTAL METALS (LIST BELOW)  TSS TDS SPEC. CON.
SU   RECEIVED BY:	RECEIVED AS:	Equis	YES NO	TEMP O o of M			×	×	× 1	OD CBOD T. ALK.  KN NH3 T. PHOS O. PHOS.  OH T. RES. CHLORINE  OD PHENOLS TOC DOC  OTAL CYANIDE TOTAL SULFIDE  LEACTIVE CYANIDE REACTIVE SULFIDE
RECEIVED BY:    FIELD READINGS:   FAX: 603.228.4591   E-MAIL: CUSTOMERSERVICE@EAILABS.COM   WWW.EAILABS.COM   R)	SITE HISTORY:	, BILLING INFO, IF DI	OTHER METALS:	METALS: 8 RCRA 13 PP FE, MN PB, CU					T F E E H	LASHPOINT IGNITABILITY  OTAL COLIFORM E. COLI ECAL COLIFORM  ENTEROCICI RETEROTROPHIC PLATE COUNT  # OF CONTAINERS  MEON VALUE  WALLES